## IN THE CLAIMS

Claims 1-29 (Canceled).

Claim 30 (Currently Amended): A method of manufacturing a semiconductor memory, comprising:

forming a transistor including a first impurity-diffused region, a second impurity-diffused region, and a gate between the first impurity-diffused region and the second impurity-diffused region on the semiconductor substrate;

forming a lower electrode layer over the transistor, and being connected to the first impurity-diffused region;

forming a ferroelectric layer on the lower electrode;

forming an upper electrode layer on the ferroelectric layer;

forming the upper electrode layer into a first upper electrode and a second upper electrode;

forming the lower electrode layer and the ferroelectric layer into a capacitor shape;

forming a wiring layer connecting between the first upper electrode and the second impurity-diffused region; and

covering the second upper electrode with insulating layer, such that the second upper electrode is insulated from the first and second impurity diffused regions by contacts only the insulating layer and the ferroelectric layer.

Claim 31 (Currently Amended): A manufacturing method of semiconductor memory, comprising;

forming a cell transistor including a first impurity diffused region, a second impurity-diffused region, and a gate between the first impurity-diffused region and the second impurity-diffused region on the semiconductor substrate;

forming a block selecting transistor including a third impurity diffused-region, a fourth impurity-diffused region, and a gate between the third impurity-diffused region and the fourth impurity-diffused region on the semiconductor substrate, and being adjoined to the cell transistor;

forming a lower electrode layer over the cell transistor and the block selecting transistor, and being connected to the first impurity-diffused region;

forming a ferroelectric layer on the lower electrode;

forming an upper electrode layer on the ferroelectric layer;

forming the upper electrode layer into a first upper electrode and a second upper electrode;

forming the lower electrode layer and the ferroelectric layer into a capacitor shape; forming a wiring layer connecting between the first upper electrode and the second impurity-diffused region; and

covering the second upper electrode with insulating layer, such that the second upper electrode is insulated from the first and second impurity diffused regions by contacts only the insulating layer and the ferroelectric layer.